	16
	14
	12
	time
	10
	8
	6
	4
	2

20   10

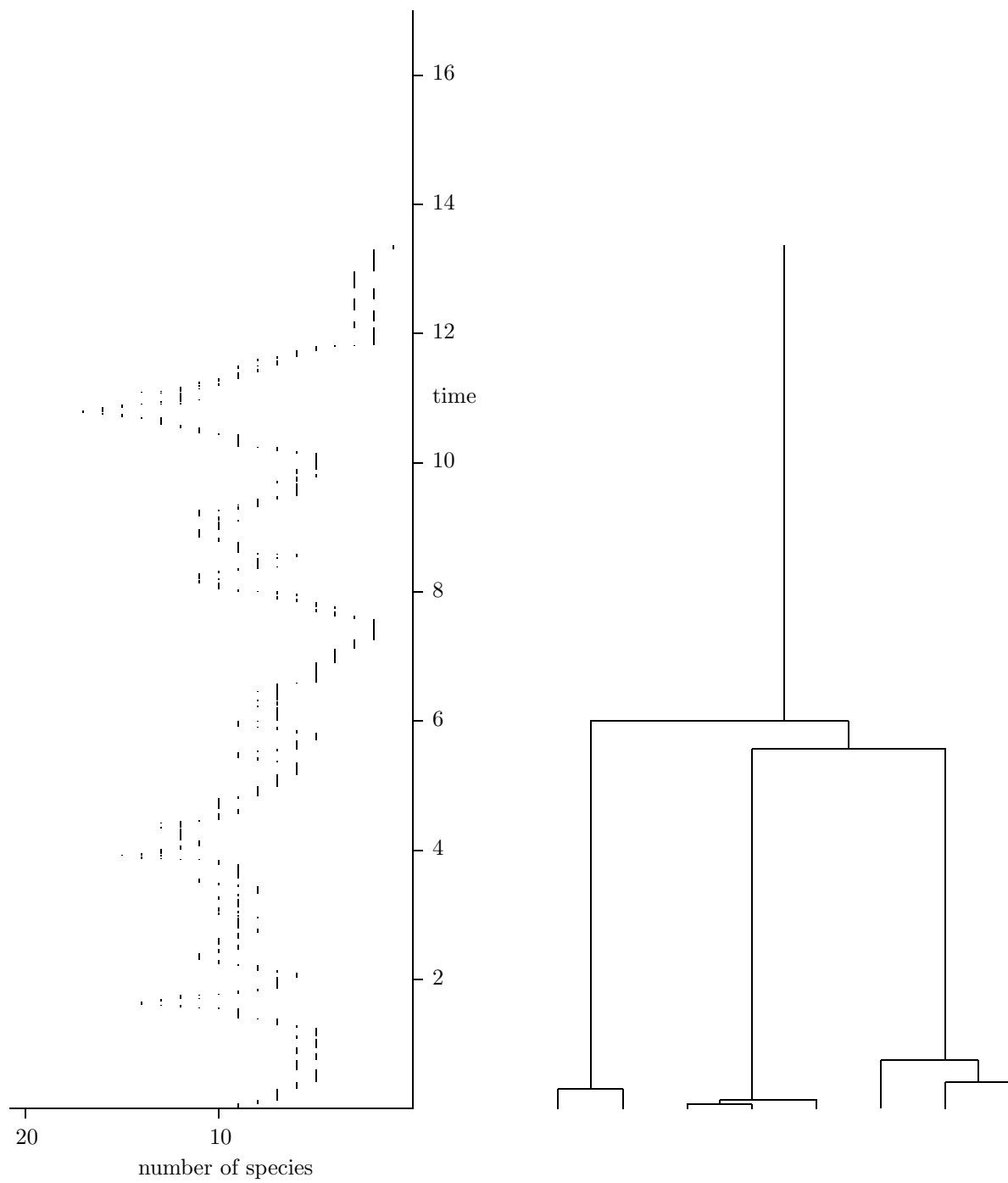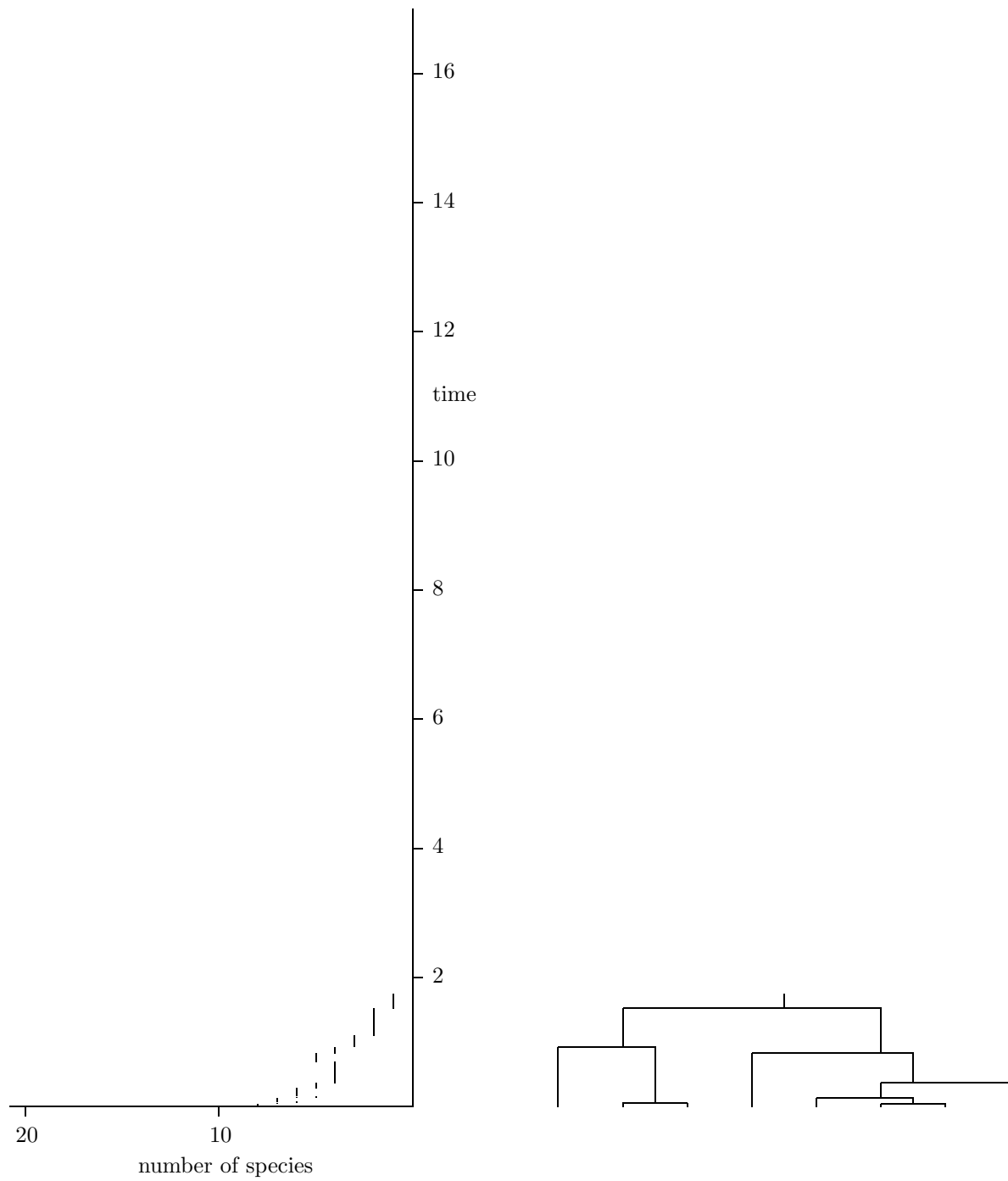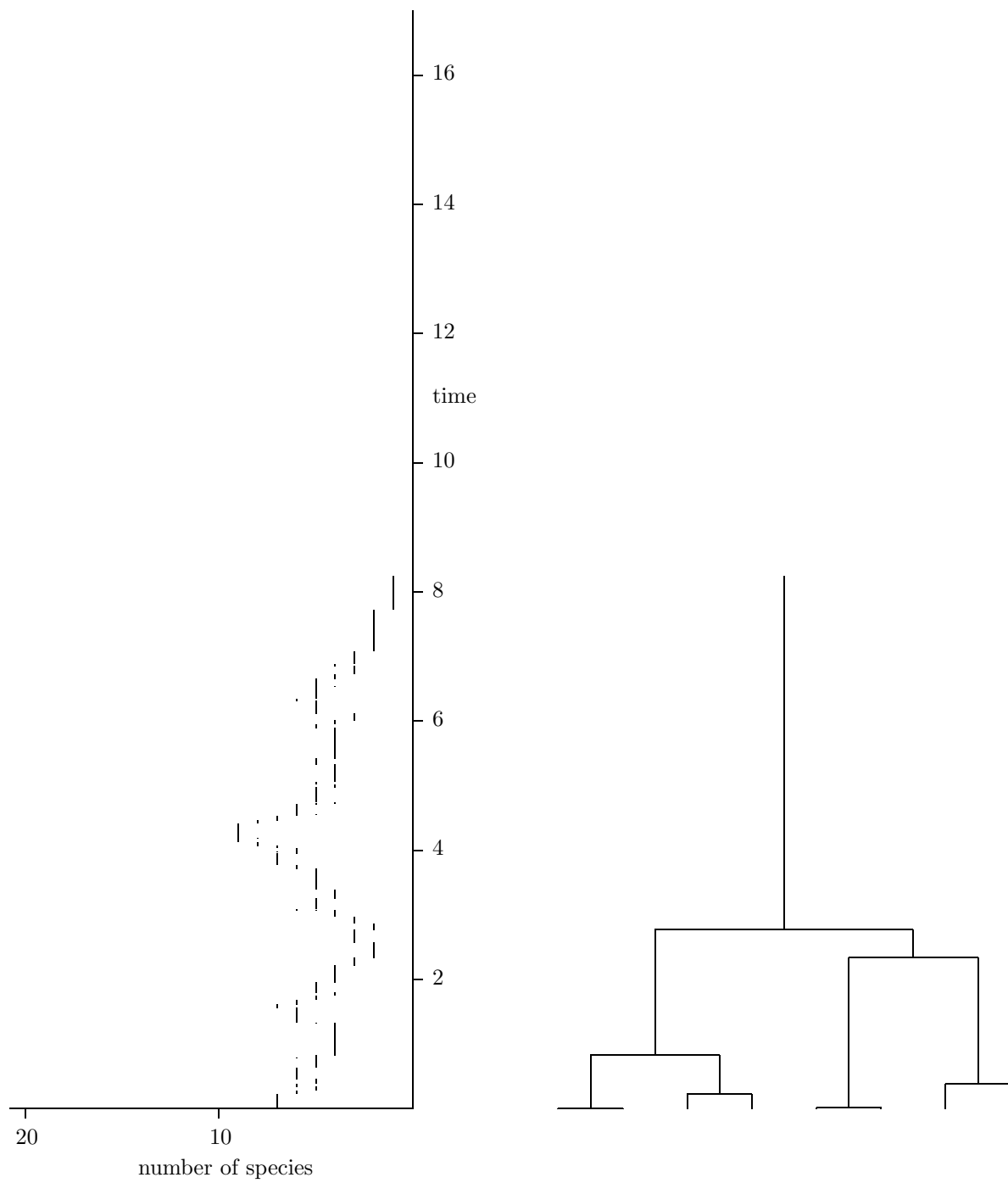number of species

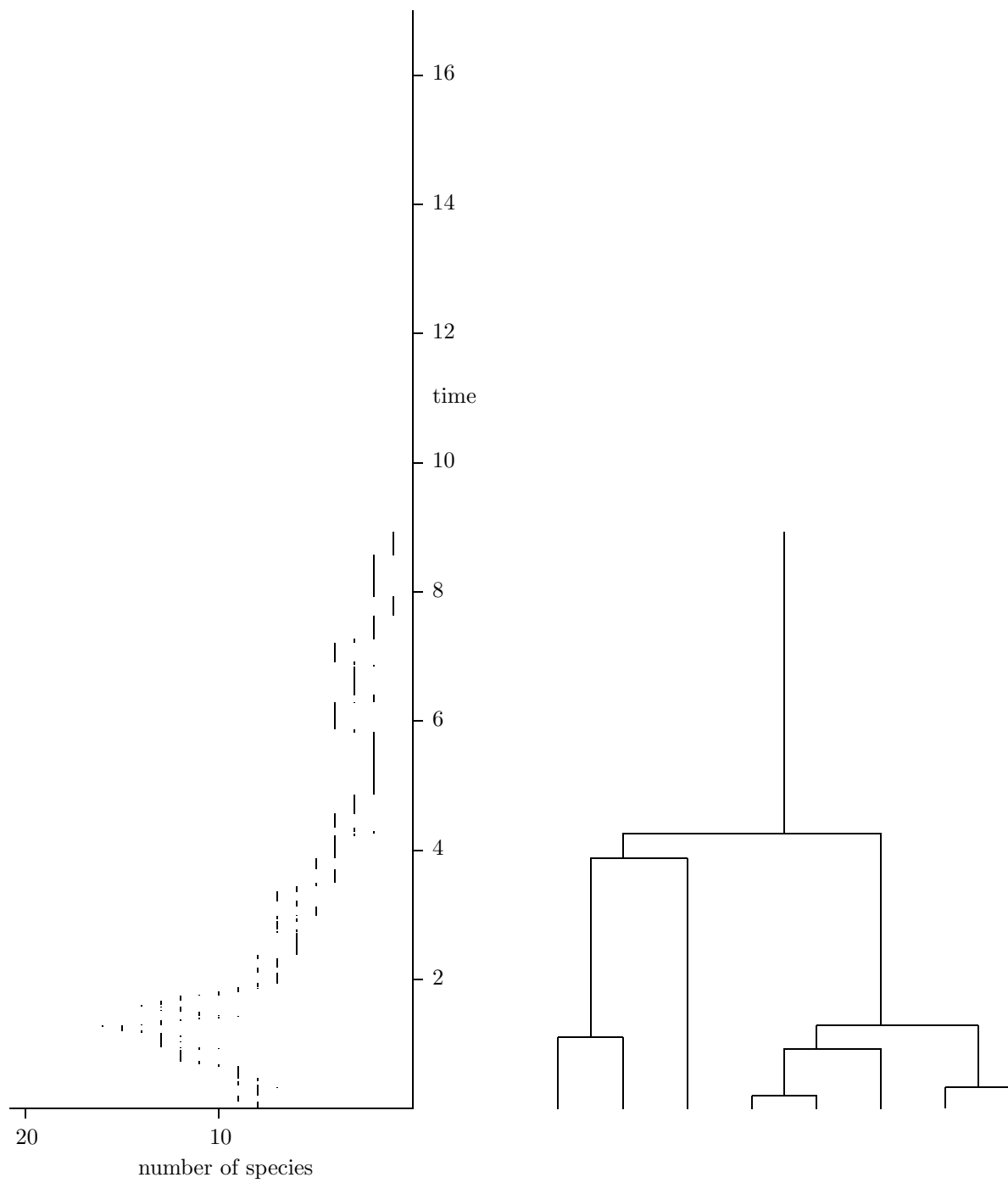|	
Number of extant species	8
Time of last common ancestor	8.42847
Time of origin of clade	37.1602
max number of species at one time	34
$R =$ (max number species)/(current number species)	4.25000
Number of extinct species	416

Number of extant species	8
Time of last common ancestor	6.00549
Time of origin of clade	13.3599
max number of species at one time	17
$R = $ (max number species)/(current number species)	2.12500
Number of extinct species	100

16

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12

time

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20   10

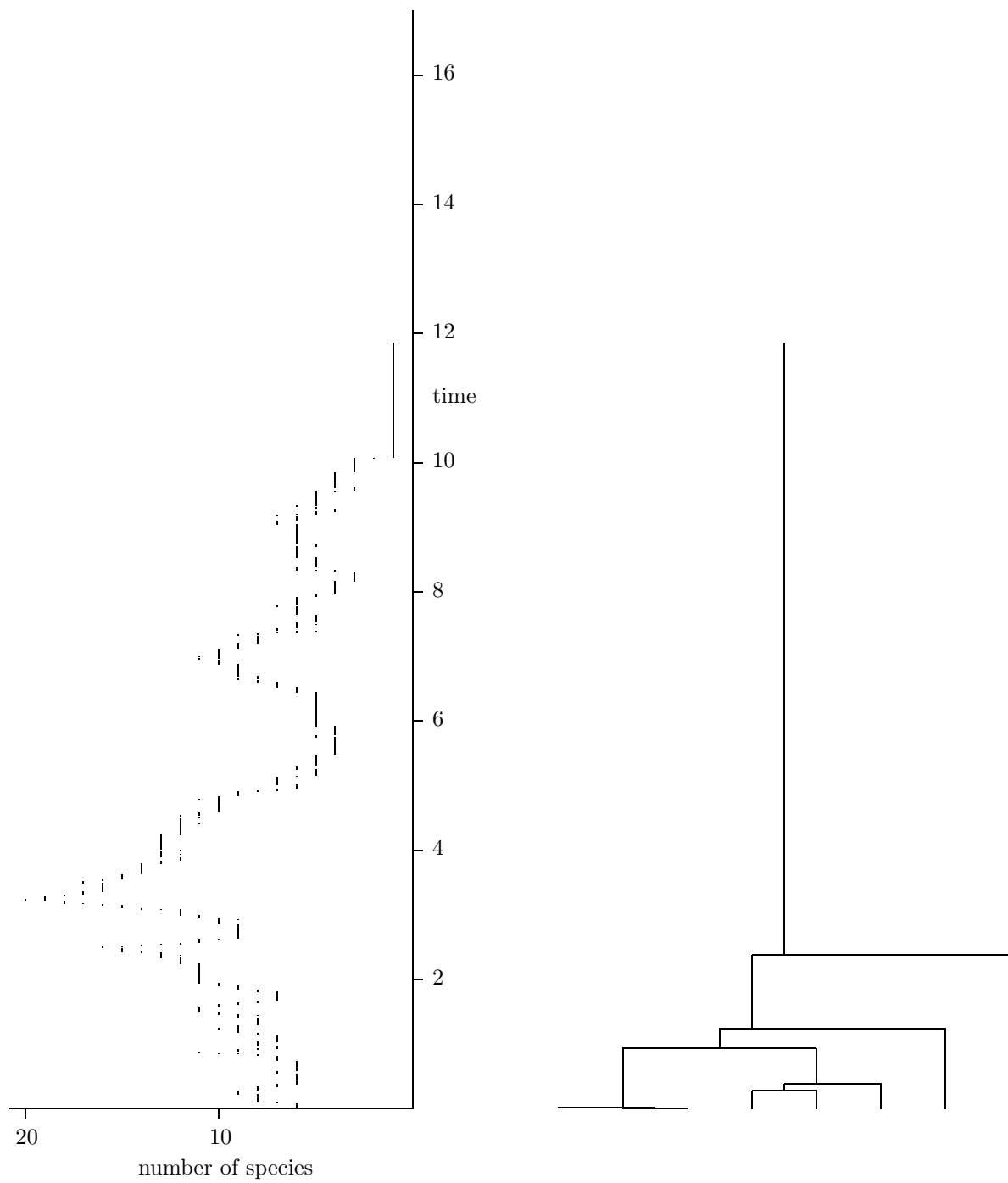number of species

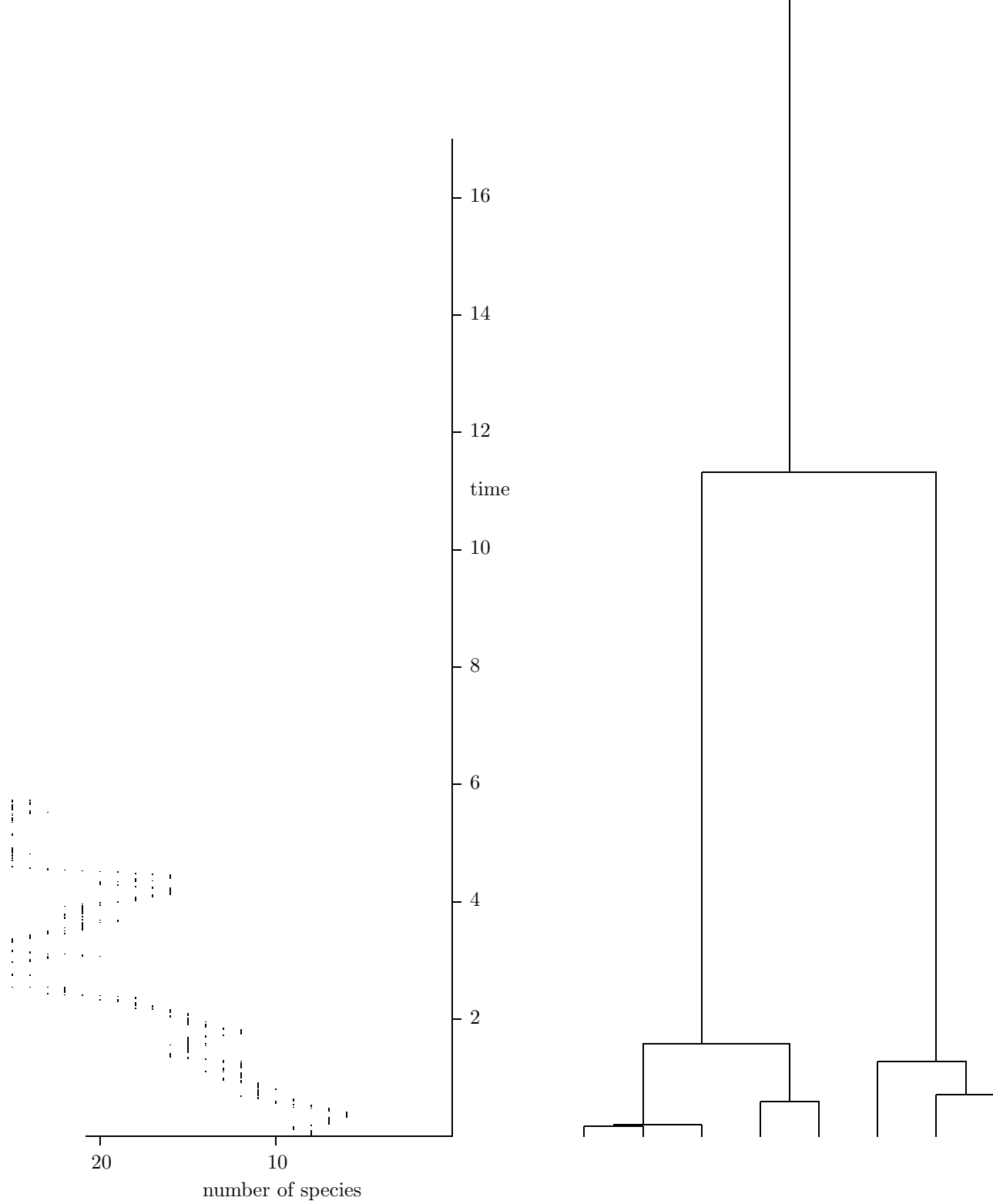|	
Number of extant species	8
Time of last common ancestor	1.52227
Time of origin of clade	1.74927
max number of species at one time	8
$R = $ (max number species)/(current number species)	1.0
Number of extinct species	3

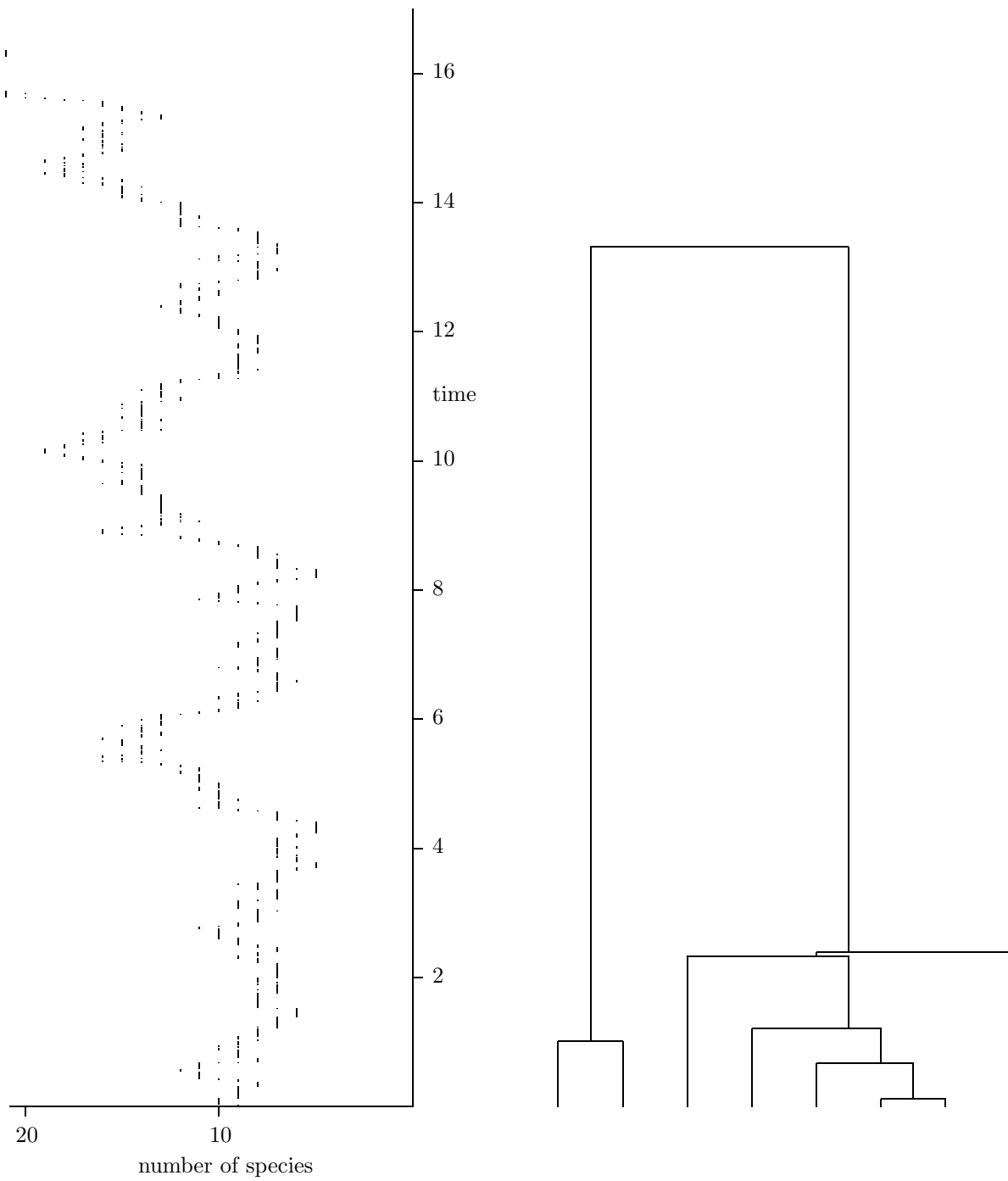|	
Number of extant species	8
Time of last common ancestor	2.77265
Time of origin of clade	8.24497
max number of species at one time	9
$R = $ (max number species)/(current number species)	1.12500
Number of extinct species	32

Number of extant species	8
Time of last common ancestor	4.25866
Time of origin of clade	8.92004
max number of species at one time	16
$R = $ (max number species)/(current number species)	2.00000
Number of extinct species	38

16

14

12

time

10

8

6

4

2

20

10

number of species

Number of extant species	8
Time of last common ancestor	2.38105
Time of origin of clade	11.8515
max number of species at one time	20
$R = $ (max number species)/(current number species)	2.50000
Number of extinct species	76

number of species

20   10

time

16

14

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10

8

6

4

2

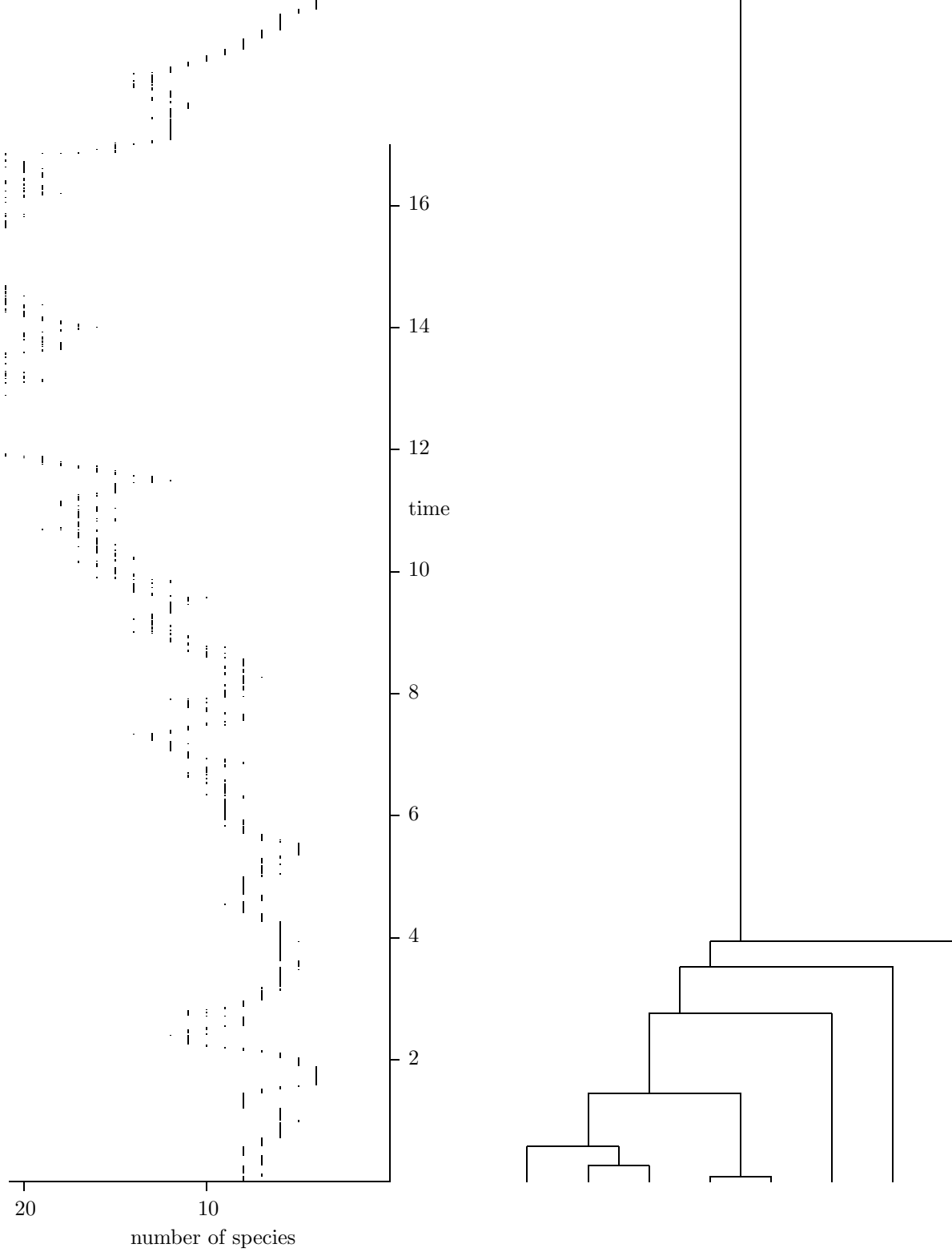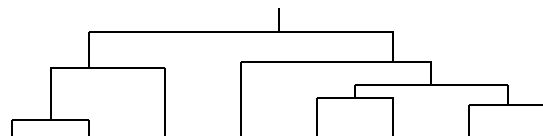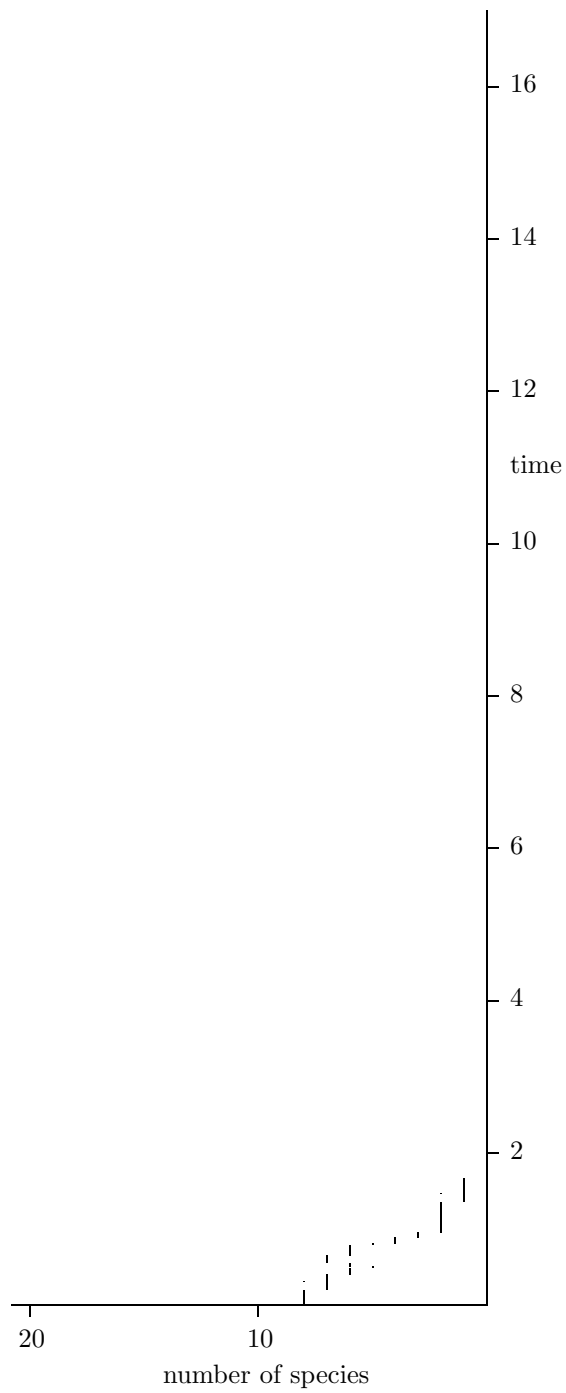|	
Number of extant species	8
Time of last common ancestor	11.3228
Time of origin of clade	36.2194
max number of species at one time	103
$R = $ (max number species)/(current number species)	12.8750
Number of extinct species	1307

Number of extant species	8
Time of last common ancestor	13.3140
Time of origin of clade	154.724
max number of species at one time	108
$R = $ (max number species)/(current number species)	13.5000
Number of extinct species	5370

number of species

time

time

16

14

12

10

8

6

4

2

20   10

number of species

Number of extant species	8
Time of last common ancestor	3.93954
Time of origin of clade	21.8219
max number of species at one time	30
$R = $ (max number species)/(current number species)	3.75000
Number of extinct species	225

Number of extant species	8
Time of last common ancestor	1.35756
Time of origin of clade	1.66390
max number of species at one time	8
$R = $ (max number species)/(current number species)	1.00000
Number of extinct species	4